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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 19 May 2014 from the Permanent Mission of China to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of China to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex) and General Assembly resolution 62/101, has the honour to transmit information concerning space objects launched by China for the period from 2012 to 2014 (see annex).

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Annex

Registration data on space objects launched by China*

Ziyuan 3-01

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Ziyuan 3-01
National designator/registration number as used by the State of registry:	ZY-3A
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	9 January 2012
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	97.7 minutes
Inclination:	97.4 degrees
Apogee:	500 kilometres
Perigee:	500 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4B

Fengyun 2F

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Fengyun 2F
National designator/registration number as used by the State of registry:	FY-2F
State of registry:	China

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Date and territory or location of the launch	
Date of the launch:	13 January 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	2.3 degrees
Apogee:	36,020 kilometres
Perigee:	200 kilometres
General function of the space object:	Meteorological satellite

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3A

Beidou-11

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Eleventh satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-11
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 February 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	-
Apogee:	-
Perigee:	-
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3C

Beidou-12

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Twelfth satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-12
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	30 April 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	774 minutes
Inclination:	55 degrees
Apogee:	21,528 kilometres
Perigee:	21,528 kilometres
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Beidou-13

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Thirteenth satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-13
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	30 April 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	774 minutes

Inclination:	55 degrees
Apogee:	21,528 kilometres
Perigee:	21,528 kilometres
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Tianhui 1-02

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Tianhui 1-02
National designator/registration number as used by the State of registry:	Tianhui-1B
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	6 May 2012
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	94.4 minutes
Inclination:	97.3 degrees
Apogee:	500 kilometres
Perigee:	500 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2D

Yaogan 14

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 14
National designator/registration number as used by the State of registry:	YG-14
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	10 May 2012
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	94.1 minutes
Inclination:	97.3 degrees
Apogee:	479.4 kilometres
Perigee:	479.4 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Zhongxing 2A

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Zhongxing 2A
National designator/registration number as used by the State of registry:	Chinasat-2A
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	26 May 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	-

Apogee:	-
Perigee:	-
General function of the space object:	Communications and broadcasting

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Yaogan 15

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 15
National designator/registration number as used by the State of registry:	YG-15
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	29 May 2012
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	100.6 minutes
Inclination:	100.1 degrees
Apogee:	1,215 kilometres
Perigee:	1,204 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Tianlian 1-03

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Tianlian 1-03
National designator/registration number as used by the State of registry:	Tianlian-1C

State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 July 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	-
Apogee:	-
Perigee:	-
General function of the space object:	Relay communications

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3C

Beidou-14

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Fourteenth satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-14
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	19 September 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	774 minutes
Inclination:	55 degrees
Apogee:	21,528 kilometres
Perigee:	21,528 kilometres
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Beidou-15

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Fifteenth satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-15
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	19 September 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	774 minutes
Inclination:	55 degrees
Apogee:	21,528 kilometres
Perigee:	21,528 kilometres
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Shijian 9A

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian 9A
National designator/registration number as used by the State of registry:	SJ-9A
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	14 October 2012

Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	97.48 minutes
Inclination:	97.9 degrees
Apogee:	645 kilometres
Perigee:	645 kilometres
General function of the space object:	Scientific experiments in space

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Shijian 9B

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian 9B
National designator/registration number as used by the State of registry:	SJ-9B
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	14 October 2012
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	97.48 minutes
Inclination:	97.9 degrees
Apogee:	645 kilometres
Perigee:	645 kilometres
General function of the space object:	Scientific experiments in space

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Beidou-16

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Sixteenth satellite of the Beidou satellite navigation system
National designator/registration number as used by the State of registry:	Beidou-16
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 October 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	-
Apogee:	-
Perigee:	-
General function of the space object:	Navigation

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3C

Huanjing 1C

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Huanjing 1C
National designator/registration number as used by the State of registry:	HJ-1C
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	19 November 2012
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	94.43 minutes
Inclination:	97.37 degrees

Apogee:	499 kilometres
Perigee:	499 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Yaogan 16

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 16
National designator/registration number as used by the State of registry:	YG-16
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 November 2012
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	107.3 minutes
Inclination:	63.41 degrees
Apogee:	1,100 kilometres
Perigee:	1,100 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Zhongxing 12

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Zhongxing 12
National designator/registration number as used by the State of registry:	Chinasat-12
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	29 November 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	26.8 degrees
Apogee:	50,539 kilometres
Perigee:	207 kilometres
General function of the space object:	Communications and broadcasting

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Gaofen 1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Gaofen 1 (high-resolution optical observation satellite for land surveying)
National designator/registration number as used by the State of registry:	GF-1
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	26 April 2013
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	97.4 minutes
Inclination:	98.05 degrees

Apogee:	644.5 kilometres
Perigee:	644.5 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2D

Zhongxing 11

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Zhongxing 11
National designator/registration number as used by the State of registry:	Chinasat-11
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	2 May 2013
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	26.6 degrees
Apogee:	41,990 kilometres
Perigee:	200 kilometres
General function of the space object:	Communications and broadcasting

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B

Shijian 11-05

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian 11-05
National designator/registration number as used by the State of registry:	SJ-11E

State of registry:	China
Date and territory or location of the launch	
Date of the launch:	15 July 2013
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	90 minutes
Inclination:	98 degrees
Apogee:	700 kilometres
Perigee:	700 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Chuangxin-3

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Chuangxin-3
National designator/registration number as used by the State of registry:	CX-3
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	20 July 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	98.1 minutes
Inclination:	98.07 degrees
Apogee:	673 kilometres
Perigee:	673 kilometres
General function of the space object:	Scientific experiments

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Shiyan-7

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shiyan-7
National designator/registration number as used by the State of registry:	SY-7
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	20 July 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	98.1 minutes
Inclination:	98.07 degrees
Apogee:	673 kilometres
Perigee:	673 kilometres
General function of the space object:	Scientific experiments

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Shijian-15

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian-15
National designator/registration number as used by the State of registry:	SJ-15
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	20 July 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	98.1 minutes
Inclination:	98.07 degrees

Apogee:	673 kilometres
Perigee:	673 kilometres
General function of the space object:	Scientific experiments

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Yaogan 17

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 17
National designator/registration number as used by the State of registry:	YG-17
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	2 September 2013
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	107 minutes
Inclination:	63.4 degrees
Apogee:	1,100 kilometres
Perigee:	1,100 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Fengyun 3C

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Fengyun 3C
National designator/registration number as used by the State of registry:	FY-3C
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	23 September 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	101.4 minutes
Inclination:	98.7 degrees
Apogee:	849.6 kilometres
Perigee:	813.6 kilometres
General function of the space object:	Meteorological satellite

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Shijian 16

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian 16
National designator/registration number as used by the State of registry:	SJ-16
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 October 2013
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	96.7 minutes
Inclination:	75 degrees

Apogee:	610 kilometres
Perigee:	610 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4B

Yaogan 18

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 18
National designator/registration number as used by the State of registry:	YG-18
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	29 October 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	95 minutes
Inclination:	97.5 degrees
Apogee:	6,887 kilometres
Perigee:	6,879 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Yaogan 19

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Yaogan 19
National designator/registration number as used by the State of registry:	YG-19

State of registry:	China
Date and territory or location of the launch	
Date of the launch:	20 November 2013
Territory or location of the launch:	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	109.6 minutes
Inclination:	100.5 degrees
Apogee:	1,220 kilometres
Perigee:	1,200 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 4C

Shiyan 5

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shiyan 5
National designator/registration number as used by the State of registry:	SY-5
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	25 November 2013
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	99.6 minutes
Inclination:	98.3 degrees
Apogee:	750 kilometres
Perigee:	750 kilometres
General function of the space object:	Scientific experiments

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2D

Chang'e 3

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Chang'e 3
National designator/registration number as used by the State of registry:	Chang'e 3
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	2 December 2013
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	-
Inclination:	-
Apogee:	380,000 kilometres
Perigee:	200 kilometres
General function of the space object:	Lunar probe

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Other information:	On the surface of the Moon
Launch vehicle:	Long March 3B

Shijian 11-06

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Shijian 11-06
National designator/registration number as used by the State of registry:	SJ-11F
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	31 March 2014
Territory or location of the launch:	Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	90 minutes

Inclination:	98 degrees
Apogee:	700 kilometres
Perigee:	700 kilometres
General function of the space object:	Remote sensing

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 2C

Apstar 7

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Name of the space object:	Apstar 7
National designator/registration number as used by the State of registry:	-
State of registry:	China
Date and territory or location of the launch	
Date of the launch:	31 March 2012
Territory or location of the launch:	Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period:	1,440 minutes
Inclination:	0.0±0.05 degrees
Apogee:	42,164 kilometres (radius)
Perigee:	42,164 kilometres (radius)
General function of the space object:	Geostationary satellite for communications

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Launch vehicle:	Long March 3B